

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 64-047154

(43)Date of publication of application : 21.02.1989

(51)Int.Cl.

H04L 13/00

(21)Application number : 62-203649

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 17.08.1987

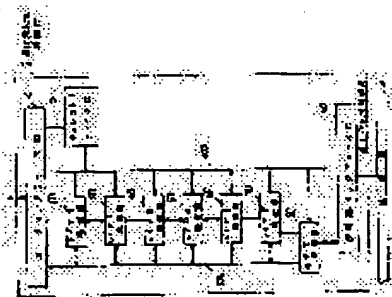
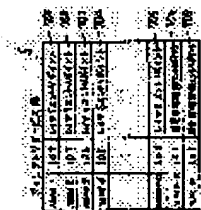
(72)Inventor : MIZUNO HARUNOBU
ONO KENZO

(54) COMMUNICATION PROTOCOL CONTROLLER

(57)Abstract:

PURPOSE: To attain the communication with a communication protocol controller not supporting all layers on a local area network, by attaining the entry to an optional layer based on an identifier in a directory service section so as to cope with an emergent data and a data requiring real-time nature.

CONSTITUTION: When a user makes a prescribed format to implement transmission, a user interface section 4 of a communication protocol control section 3 receives a request to access a directory service section 5. When the request is name 4, an entry point 704 represented by an iD5 is acquired based on the name 4. The interface section 4 sends a transmission request to a processing section 40 of a layer 5 via a communication line 500 based on the acquired point 704, and the processing section 40 applies protocol processing of the layer 5 to generate a protocol data and a protocol header, which are sent to the processing section 50 of the layer 4. The processing sections 60, 70 of the layers 3, 2 apply similar processing to control a transmission/reception communication control section 80.



LEGAL STATUS